

PC 09

## Errors Corrected by the STIC Systems Branch

CRF Processing Date:

Edited by:

Verified by:

1/23/2001

Serial Number: 09/101,588

 Changed a file from non-ASCII to ASCII**ENTERED**CRF Processing Date: 1/23/2001  
Edited by: DR Verified by: DR (STIC staff)

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_.

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  
 page numbers throughout text;  other invalid text, such as \_\_\_\_\_

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_

Other: corrected amino acid numbers - Seqs 7, 46, 68, 94, 99PatentIn

**Examiner:** The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PCT09

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/701,588

DATE: 01/23/2001  
 TIME: 11:10:42

Input Set : A:\11514158.app  
 Output Set: N:\CRF3\01232001\I701588.raw

**Does Not Comply  
 Corrected Diskette Needed**

## SEQUENCE LISTING

- 11. (1) GENERAL INFORMATION:
  - 13. (i) APPLICANT: Wang, Chang Yi
  - 15. (ii) TITLE OF INVENTION: NOVEL LHRH PEPTIDE  
IMMUNOGENS
  - 18. (iii) NUMBER OF SEQUENCES: 122
  - 20. (iv) CORRESPONDENCE ADDRESS:
    - 21. (A) ADDRESSEE: Morgan & Finnegan, L.L.P.
    - 22. (B) STREET: 345 Park Avenue
    - 23. (C) CITY: New York
    - 24. (D) STATE: NY
    - 25. (E) COUNTRY: USA
    - 26. (F) ZIP: 10154-0054
  - 28. (v) COMPUTER READABLE FORM:
    - 29. (A) MEDIUM TYPE: Floppy disk
    - 30. (B) COMPUTER: IBM PC compatible
    - 31. (C) OPERATING SYSTEM: PC Windows
    - 32. (D) SOFTWARE: Word 97
  - 34. (vi) CURRENT APPLICATION DATA:
    - C--> 35. (A) APPLICATION NUMBER: US/09/701,588
    - C--> 36. (B) FILING DATE: 29-Nov-2000
    - 37. (C) CLASSIFICATION:
    - 39. (vii) PRIOR APPLICATION DATA:
      - 40. (A) APPLICATION NUMBER: 09/100,414
      - 41. (B) FILING DATE: 20-JUNE-1998
    - 43. (viii) ATTORNEY/AGENT INFORMATION:
      - 44. (A) NAME: Maria H. Lin
      - 45. (B) REGISTRATION NUMBER: 29,323
      - 46. (C) REFERENCE/DOCKET NUMBER: 1151-158US1
    - 48. (ix) TELECOMMUNICATION INFORMATION:
      - 49. (A) TELEPHONE: 212-758-4800
      - 50. (B) TELEFAX: 212-751-6849

## ERRORED SEQUENCES

- 162. (2) INFORMATION FOR SEQ ID NO: 7:
  - 164. (i) SEQUENCE CHARACTERISTICS:
    - 165. (A) LENGTH: 15 amino acids
    - 166. (B) TYPE: amino acid
    - 167. (D) TOPOLOGY: linear
  - 169. (ii) MOLECULE TYPE: peptide
  - 171. (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
 Met Thr Glu Ile Arg Thr Val Ile Val Thr Arg Met  
 1                 5                 10  
 Glu Thr Met  
 E--> 176. *15 15*

RAW SEQUENCE LISTING  
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884 (2) INFORMATION FOR SEQ ID NO: 46:  
886 (i) SEQUENCE CHARACTERISTICS:  
887 (A) LENGTH: 45 amino acids  
888 (B) TYPE: amino acid  
889 (D) TOPOLOGY: linear  
891 (ii) MOLECULE TYPE: peptide  
893 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 46:  
895 Thr Ala Lys Ser Lys Lys Phe Pro Ser Tyr Thr Ala  
896 1 5 10  
897 Thr Tyr Gln Phe Gly Gly Ile Thr Glu Ile Arg Thr  
898 15 20  
899 Val Ile Val Thr Arg Ile Glu Thr Ile Gly Gly Glu  
900 25 30 35  
901 His Trp Ser Tyr Gly Leu Arg Pro Gly  
E--> 902 40

*Misaligned  
amino acid nos.*

1340 (2) INFORMATION FOR SEQ ID NO: 68  
1342 (i) SEQUENCE CHARACTERISTICS:  
1343 (A) LENGTH: 30 amino acids  
1344 (B) TYPE: amino acid  
1345 (D) TOPOLOGY: linear  
1347 (ii) MOLECULE TYPE: peptide  
1353 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 68  
1355 Lys Lys Lys Val Arg Val Val Thr Lys Val Val Thr  
1356 1 5 10  
1357 Val Pro Ile Ser Val Asp Gly Gly Glu His Trp Ser  
1358 15 20  
1359 Tyr Gly Leu Arg Pro Gly  
E--> 1360 25

1858 (2) INFORMATION FOR SEQ ID NO: 94:  
1860 (i) SEQUENCE CHARACTERISTICS:  
1861 (A) LENGTH: 46 amino acids  
1862 (B) TYPE: amino acid  
1863 (D) TOPOLOGY: linear  
1865 (ii) MOLECULE TYPE: peptide  
1872 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 94:  
1874 Ile Ser Ile Thr Glu Ile Arg Thr Val Ile Val Thr  
1875 1 5 10  
1876 Arg Ile Glu Thr Ile Leu Phe Gly Gly Cys Gly Glu  
1877 15 20  
1878 Thr Tyr Gln Ser Arg Val Thr His Pro His Leu Pro  
E--> 1879 25 30 35  
1880 Arg Ala Leu Met Arg Ser Thr Thr Lys Cys  
E--> 1881 40 45

1929 (2) INFORMATION FOR SEQ ID NO: 97:  
1931 (i) SEQUENCE CHARACTERISTICS:  
1932 (A) LENGTH: 42 amino acids  
1933 (B) TYPE: amino acid  
1934 (D) TOPOLOGY: linear  
1936 (ii) MOLECULE TYPE: peptide

RAW SEQUENCE LISTING  
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Input Set : A:\11514158.app  
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1938 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 97:  
1940 Leu Ser Glu Ile Lys Gly Val Ile Val His Lys Leu  
1941 1 5 10  
1942 Glu Gly Val Gly Gly Cys Gly Glu Thr Tyr Gln Ser  
1943 15 20  
1944 Arg Val Thr His Pro His Leu Pro Arg Ala Leu Met  
E--> 1945 25 30 35  
1946 Arg Ser Thr Thr Lys Cys  
E--> 1947 40

*Same  
error*

VERIFICATION SUMMARY DATE: 01/23/2001  
PATENT APPLICATION: US/09/701,588 TIME: 11:10:43

Input Set : A:\11514158.app  
Output Set: N:\CRF3\01232001\I701588.raw

L:35 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:36 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:94 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]  
L:115 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]  
L:131 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]  
L:176 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7  
L:902 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:46  
L:1360 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:68  
L:1568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:1879 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:94  
M:332 Repeated in SeqNo=94  
L:1945 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:97  
M:332 Repeated in SeqNo=97  
L:2425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120  
L:2448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121  
L:2466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122